

## EAST Search History

| Ref # | Hits  | Search Query   | DBs                | Default Operator | Plurals | Time Stamp          |
|-------|-------|--|--------------------|------------------|---------|---------------------|
| S1    | 3     | ((("20020133780") or ("6445717") or ("5608738")).PN.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/04/27<br>09:02 |
| S2    | 16109 | schmidt.in.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/04/27<br>08:07 |
| S3    | 39    | schmidt-joa\$.in.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2008/01/09<br>11:02 |
| S4    | 39    | schmidt-joac\$.in.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/04/27<br>08:08 |
| S5    | 32    | ("5608738").URPN.  | USPAT              | OR               | OFF     | 2007/04/27<br>09:01 |
| S6    | 3     | ((("20020133780") or ("6445717") or ("5608738")).PN.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/04/27<br>09:02 |
| S7    | 0     | S6 and super\$set  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/04/27<br>09:16 |
| S8    | 52    | {secur\$3 encrypt\$3 authenticat\$3 authori\$6) near (packet frame data\$gram) same (error near correct\$3) with (packet frame data\$gram)   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/04/27<br>09:17 |
| S9    | 40    | {secur\$3 encrypt\$3 authenticat\$3 authori\$6) near (packet frame data\$gram) same (error near correct\$3) with (packet frame data\$gram) and (@ad< "20030417" @prad< "20030417") | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/04/27<br>09:22 |
| S10   | 0     | {separat\$3 detach\$3) with {secur\$3 encrypt\$3 authenticat\$3 authori\$6) near (packet frame data\$gram) with (error near correct\$3) and (@ad< "20030417" @prad< "20030417")    | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/04/27<br>09:22 |
| S11   | 0     | {separat\$3 detach\$3) with {secur\$3 encrypt\$3 authenticat\$3 authori\$6) with (packet frame data\$gram) with (error near correct\$3) and (@ad< "20030417" @prad< "20030417")    | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/04/27<br>09:22 |

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| S12 | 1462 | (separat\$3 detach\$3) with (data packet frame data \$gram) with (error near correct\$3) and (@ad<"20030417" @prad<"20030417")   | US-PGPUB; USPAT | OR | OFF | 2007/04/27 09:23 |
| S13 | 207  | (separat\$3 detach\$3) with data with (error near correct \$3) with (packet frame data \$gram) and (@ad<"20030417" @prad<"20030417")   | US-PGPUB; USPAT | OR | ON  | 2007/04/27 09:24 |
| S14 | 0    | (separat\$3 detach\$3) with (securi\$3 authenticat\$3 authori\$6 encrypt\$3) near data with (error near correct \$3) with (packet frame data \$gram) and (@ad<"20030417" @prad<"20030417") | US-PGPUB; USPAT | OR | ON  | 2007/04/27 09:24 |
| S15 | 0    | (separat\$3 detach\$3) with (securi\$3 authenticat\$3 authori\$6 encrypt\$3) with data with (error near correct \$3) with (packet frame data \$gram) and (@ad<"20030417" @prad<"20030417") | US-PGPUB; USPAT | OR | ON  | 2007/04/27 09:24 |
| S16 | 2    | (separat\$3 detach\$3) with (protect\$3) with data with (error near correct\$3) with (packet frame data\$gram) and (@ad<"20030417" @prad<"20030417")                                       | US-PGPUB; USPAT | OR | ON  | 2007/04/27 09:26 |
| S17 | 24   | (separat\$3 detach\$3) with (error near correct\$3) near (packet frame data\$gram) and (@ad<"20030417" @prad<"20030417")   | US-PGPUB; USPAT | OR | ON  | 2007/04/27 09:27 |
| S18 | 0    | ("2002/0159454").URFN.   | USPAT           | OR | OFF | 2007/04/27 09:34 |
| S19 | 4    | ((("6516435") or ("6556588") or ("6496520") or ("6480976"))).PN.   | USPAT           | OR | OFF | 2007/04/27 09:35 |
| S20 | 2    | ("6516435").URFN.  | USPAT           | OR | OFF | 2007/04/27 09:39 |
| S21 | 2    | ("6556588").URFN.  | USPAT           | OR | OFF | 2007/04/27 09:40 |
| S22 | 4    | (US-20020159454-\$).did. or (US-5608738-\$ or US-6516435-\$ or US-6556588-\$).did.   | US-PGPUB; USPAT | OR | OFF | 2007/04/27 10:39 |

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| S23 | 1   | S22 and check\$sum   | US-PGPUB;<br>USPAT        | OR | OFF | 2007/04/27<br>13:09 |
| S24 | 4   | (US-20020159454-\$). did. or<br>(US-5608738-\$ or US-<br>6516435-\$ or US-6556588-\$).<br>did.   | US-PGPUB;<br>USPAT        | OR | OFF | 2007/04/27<br>13:09 |
| S25 | 0   | S24 and ether\$net   | US-PGPUB;<br>USPAT        | OR | OFF | 2007/04/27<br>13:09 |
| S26 | 1   | "5608738".pn. and (no free)<br>near error  | US-PGPUB;<br>USPAT        | OR | ON  | 2007/04/27<br>14:30 |
| S27 | 1   | "5608738".pn. and frame  | US-PGPUB;<br>USPAT        | OR | ON  | 2007/04/27<br>14:58 |
| S28 | 338 | 713/160.ccls.  | US-PGPUB;<br>USPAT        | OR | ON  | 2007/04/27<br>14:58 |
| S29 | 430 | 713/151.ccls.  | US-PGPUB;<br>USPAT        | OR | ON  | 2007/04/27<br>14:58 |
| S30 | 22  | S28 and S29  | US-PGPUB;<br>USPAT        | OR | ON  | 2007/04/27<br>14:58 |
| S31 | 2   | ("6289054" "6421387").pn.  | US-PGPUB;<br>USPAT        | OR | OFF | 2008/01/09<br>11:04 |
| S32 | 1   | "6996712".pn.  | US-PGPUB;<br>USPAT        | OR | OFF | 2008/01/09<br>11:04 |
| S33 | 2   | ("6996712").URPN.  | USPAT                     | OR | OFF | 2008/01/09<br>11:31 |
| S34 | 11  | ("4924513"   "5081678"  <br>"5268942"   "5349642"  <br>"5440633"   "5625693"  <br>"5850449"   "5946467"  <br>"5948119"   "6327660"  <br>"RE36752").PN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/01/09<br>11:33 |
| S35 | 23  | (redundan\$3 duplicat\$3) with<br>(secur\$3 authenticat\$3 authori<br>\$6) near (packet data\$gram)  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/01/09<br>11:38 |
| S36 | 9   | (transfer\$4 transmit\$4 send<br>\$3) with (CRC checksum) with<br>(redundan\$3 duplicat\$3<br>separate\$2) near (packet data<br>\$gram)                | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/01/09<br>11:42 |
| S37 | 522 | (chaff dummy) adj (packet<br>data\$gram)   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/01/09<br>11:42 |
| S38 | 0   | (chaff dummy) adj (packet<br>data\$gram) with security near<br>(data information)  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/01/09<br>11:43 |
| S39 | 0   | (chaff dummy) adj (packet<br>data\$gram) same security<br>near (data information)  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/01/09<br>11:43 |
| S40 | 80  | (chaff dummy) adj (packet<br>data\$gram) and (security<br>integrity authenticat\$3 authori<br>\$6 verifi\$7 valid\$5) near (data<br>information)       | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/01/09<br>11:43 |

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| S41 | 10 | (chaff dummy) adj (packet data\$gram) same (security integrity authenticat\$3 authori \$6 verif\$7 valid\$5) near (data information)  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/01/09<br>11:43 |
| S42 | 3  | ("6516435").URPN.   | USPAT                     | OR | OFF | 2008/01/09<br>11:46 |
| S43 | 8  | ("4191970"   "4455655"   "5313624"   "5581566"   "5598422"   "5898708"   "6021433"   "6128528").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/01/09<br>11:47 |
| S44 | 28 | ("20010041981"   "20010056560"   "5640415"   "5664091"   "5701312"   "5754787"   "5881069"   "5896402"   "5903581"   "5914956"   "5954839"   "6081907"   "6169728"   "6170075"   "6366959"   "6434606"   "6466574"   "6467041"   "6487603"   "6496520"   "6516435"   "6530055"   "6539205"   "6560650"   "6574668"   "6587985"   "6665726"   "6700893").PN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/01/09<br>11:47 |
| S47 | 0  | \$5996712".pn. and fragment \$5   | US-PGPUB;<br>USPAT        | OR | ON  | 2008/01/09<br>15:17 |
| S48 | 1  | "20020073047".pn.   | US-PGPUB;<br>USPAT        | OR | OFF | 2008/01/09<br>17:25 |
| S49 | 1  | "7095850".pn.   | US-PGPUB;<br>USPAT        | OR | OFF | 2008/01/09<br>17:33 |
| S50 | 1  | "5909540".pn.   | US-PGPUB;<br>USPAT        | OR | OFF | 2008/01/09<br>17:33 |
| S51 | 10 | mangosoft.as.   | US-PGPUB;<br>USPAT        | OR | OFF | 2008/01/10<br>09:02 |
| S52 | 1  | "20020066033".pn.   | US-PGPUB;<br>USPAT        | OR | OFF | 2008/01/10<br>09:30 |
| S53 | 2  | ("6757826" "6057862").pn.   | US-PGPUB;<br>USPAT        | OR | OFF | 2008/01/10<br>11:09 |
| S54 | 30 | (transmi\$5 transfer\$4) with (CRC check\$1sum check adj sum cyclic\$4 near redundancy near check) with (separate different other) near (packet datagram frame)   | US-PGPUB;<br>USPAT        | OR | ON  | 2008/08/19<br>14:09 |
| S55 | 1  | "20030005386".pn.   | US-PGPUB;<br>USPAT        | OR | ON  | 2008/08/19<br>14:10 |
| S56 | 0  | ("2003/0005386").URPN.  | USPAT                     | OR | OFF | 2008/08/19<br>14:23 |
| S57 | 1  | "6745364".pn.   | US-PGPUB;<br>USPAT        | OR | ON  | 2008/08/19<br>14:25 |

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|-----|------|--|---------------------------|----|-----|---------------------|
| S58 | 1    | ("6745364").URPN.  | USPAT                     | OR | OFF | 2008/08/19<br>14:25 |
| S59 | 11   | ("5768527"   "6141788"  <br>"6167060"   "6421387"  <br>"6434191"   "6445717"  <br>"6473875"   "6487690"  <br>"6490705"   "6532562"  <br>"6556588").FN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/08/19<br>14:31 |
| S60 | 23   | (transmit\$ transfer\$4) with<br>(FEC forward near error near<br>correct\$3) with (separate<br>different other) near (packet<br>datagram frame)  | US-PGPUB;<br>USPAT        | OR | ON  | 2008/08/19<br>14:53 |
| S61 | 21   | ("20020031126"  <br>"20030026243"  <br>"20030179752"   "5404394"  <br>"5426643"   "5600663"  <br>"5724414"   "5870412"  <br>"5963621"   "6141788"  <br>"6157642"   "6243846"  <br>"6272633"   "6289054"  <br>"6445717"   "6477669"  <br>"6490705"   "6675340"  <br>"6771674"   "6839330"  <br>"7017102").FN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/08/19<br>15:03 |
| S62 | 1    | (US-20030053454-\$).did.   | US-PGPUB                  | OR | OFF | 2008/08/19<br>16:01 |
| S63 | 0    | S62 and (check\$1sum CRC)  | US-PGPUB;<br>USPAT        | OR | OFF | 2008/08/19<br>16:01 |
| S64 | 1188 | (FEC forward near error near<br>correct\$3) with (check\$1sum<br>CRC)  | US-PGPUB;<br>USPAT        | OR | OFF | 2008/08/19<br>16:03 |
| S65 | 675  | (forward near error near<br>correct\$3) with (check\$1sum<br>CRC)  | US-PGPUB;<br>USPAT        | OR | OFF | 2008/08/19<br>16:04 |
| S66 | 674  | (forward adj error adj correct<br>\$3) with (check\$1sum CRC)  | US-PGPUB;<br>USPAT        | OR | OFF | 2008/08/19<br>16:04 |
| S67 | 0    | S62 and frame near packet  | US-PGPUB;<br>USPAT        | OR | OFF | 2008/08/19<br>16:06 |
| S68 | 1    | S62 and frame near packet  | US-PGPUB;<br>USPAT        | OR | ON  | 2008/08/19<br>16:06 |
| S69 | 1    | (US-20030053454-\$).did.   | US-PGPUB                  | OR | OFF | 2008/08/19<br>16:44 |
| S70 | 1    | S69 and decod\$3   | US-PGPUB;<br>USPAT        | OR | ON  | 2008/08/19<br>16:44 |
| S71 | 0    | ("2003/0053454").URPN.   | USPAT                     | OR | OFF | 2009/05/04<br>14:36 |
| S72 | 42   | (forward near error near<br>correction) and "700".clas.  | US-PGPUB;<br>USPAT        | OR | ON  | 2009/05/04<br>14:42 |
| S73 | 117  | (forward near error near<br>correction) same (control near<br>system)  | US-PGPUB;<br>USPAT        | OR | ON  | 2009/05/04<br>14:48 |

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|-----|-----|--|-------------------------------------|----|----|---------------------|
| S74 | 53  | ((forward near error near correction) with (control near system))  | US-PGPUB;<br>USPAT                  | OR | ON | 2009/05/04<br>14:49 |
| S75 | 31  | ((forward near error near correction) with (control near system) and (@ad<"20030417" @prad<"20030417" @rlad<"20030417")) | US-PGPUB;<br>USPAT                  | OR | ON | 2009/05/04<br>14:49 |
| S76 | 14  | ((forward near error near correction) with (manufactur \$3))   | US-PGPUB;<br>USPAT                  | OR | ON | 2009/05/04<br>15:04 |
| S77 | 267 | 714/751.ccls.  | US-PGPUB;<br>USPAT                  | OR | ON | 2009/05/04<br>15:07 |
| S78 | 218 | 714/751.ccls. and (@ad<"20030417" @prad<"20030417" @rlad<"20030417"))  | US-PGPUB;<br>USPAT                  | OR | ON | 2009/05/04<br>15:07 |
| S79 | 0   | ((forward near error near correction) same interbus  | US-PGPUB;<br>USPAT                  | OR | ON | 2009/05/04<br>15:13 |
| S80 | 0   | ((forward near error near correction FEC) same interbus  | US-PGPUB;<br>USPAT                  | OR | ON | 2009/05/04<br>15:13 |
| S81 | 0   | ((forward near error near correction FEC) and interbus   | US-PGPUB;<br>USPAT                  | OR | ON | 2009/05/04<br>15:13 |
| S82 | 0   | ((forward near error near correction FEC) and interbus   | US-PGPUB;<br>USPAT; EPO             | OR | ON | 2009/05/04<br>15:13 |
| S83 | 0   | ((forward near error near correction FEC) and interbus   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | OR | ON | 2009/05/04<br>15:13 |
| S84 | 385 | interbus   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | OR | ON | 2009/05/04<br>15:17 |

5/ 4/ 09 4:08:40 PM

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